

Case Docket No. 98AG0703137

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventors: D. PAU, R. SANNINO, A. CAPASSO, P. FRAGNETO

For: **METHOD AND SCALABLE ARCHITECTURE FOR PARALLEL  
CALCULATION OF THE DCT OF BLOCKS OF PIXELS OF DIFFERENT  
SIZES AND COMPRESSION THROUGH FRACTAL CODING**

Enclosed are:

- (X) Patent Application: 46 pages, 4 claims.
- (X) 24 Sheets of drawings.
- (X) A certified copy of European Priority Application Number 98930522.3
- (X) Citation Under 37 CFR 1.97 and PTO-1449.
- (X) Preliminary Amendment.
- (X) Submission of Proposed Drawing Modification.

The Declaration and Filing Fee are **NOT ENCLOSED**.

Name, Address and Citizenship of Inventor(s) is as follows:

Danilo PAU  
Via Dante, 131  
20099 Sesto San Giovanni, Italy  
Citizen of Italy

Roberto SANNINO  
Via Duca d'Aosta, 4  
24058 Romano Lombardo, Italy  
Citizen of Italy

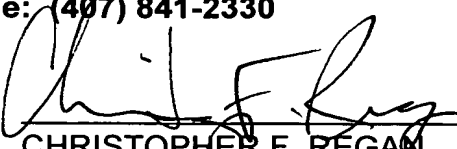
Andrea CAPASSO  
Via De Giosa, 79  
70100 Bari, Italy  
Citizen of Italy

Pasqualina FRAGNETO  
Via Roma, 69  
82038 Vitulano, Italy  
Citizen of Italy

**PLEASE ADDRESS ALL CORRESPONDENCE TO ATTORNEY OF RECORD**

CHRISTOPHER F. REGAN  
Reg. No. 34,906  
Allen, Dyer, Doppelt, Milbrath  
& Gilchrist, P.A.  
255 S. Orange Avenue, Suite 1401  
P.O. Box 3791  
Orlando, Florida 32802-3791  
Phone: (407) 841-2330

September 3, 1999  
Date

  
CHRISTOPHER F. REGAN  
Reg. No. 34,906

CERTIFICATE OF MAILING BY "EXPRESS MAIL" A  
EXPRESS MAIL MAILING LABEL NUMBER EL4316463465US  
DATE OF DEPOSIT 9/3/99  
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED  
WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST  
OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE  
INDICATED ABOVE AND IS ADDRESSED TO THE COMMISSIONER OF  
PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20031  
Eric Link  
(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)  
Eric Link  
(SIGNATURE OF PERSON MAILING PAPER OR FEE)

U.S. PTO  
09/30/99  
09/03/99

#7

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
PAU ET AL. )  
Serial No. Not Yet Assigned )  
Filing Date: Herewith )  
For: METHOD AND SCALABLE ARCHITECTURE )  
FOR PARALLEL CALCULATION OF THE )  
DCT OF BLOCKS OF PIXELS OF )  
DIFFERENT SIZES AND COMPRESSION )  
THROUGH FRACTAL CODING )

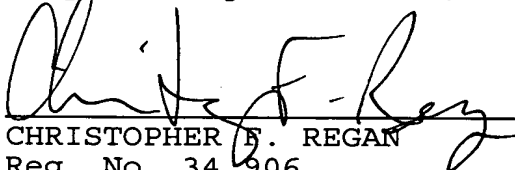
SUBMISSION OF PROPOSED MODIFICATIONS TO DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith is a request for a proposed drawing modification to correct an informality in FIGs. 5-7, 9, 10, 15 and 23 as indicated in red ink.

Respectfully submitted,

  
CHRISTOPHER F. REGAN

Reg. No. 34,906  
Allen, Dyer, Doppelt, Milbrath  
& Gilchrist, P.A.  
255 S. Orange Ave., Suite 1401  
P. O. Box 3791  
Orlando, Florida 32802  
(407) 841-2330  
Attorney for Applicants

VERIFICATION OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER EL4364463465US

DATE OF DEPOSIT 9/3/99

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL" FIRST CLASS SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS PRESENTED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231

Eric Link  
PRINTED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

#8

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
PAU ET AL. )  
Serial No. 09/288,349 )  
Filing Date: April 8, 1999 )  
For: METHOD AND SCALABLE ARCHITECTURE )  
FOR PARALLEL CALCULATION OF THE )  
DCT OF BLOCKS OF PIXELS OF )  
DIFFERENT SIZES AND COMPRESSION )  
THROUGH FRACTAL CODING )



CITATION UNDER 37 CFR §1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached is Form PTO-1449 listing several references for consideration in the examination of the above-identified application. A copy of each reference is also enclosed. It is requested that these references be considered by the Examiner and officially made of record in accordance with the provisions of 37 CFR §1.97 and Section 609 of the MPEP.

If any additional extension and/or fee is required, or if any additional fee for claims is required, authorization is given to charge Deposit Account No. 01-0484.

Respectfully submitted,

*Christopher P. Regan*

CHRISTOPHER P. REGAN  
Reg. No. 34,906  
Allen, Dyer, Doppelt, Milbrath  
& Gilchrist, P.A.  
255 S. Orange Avenue, Suite 1401  
Post Office Box 3791  
Orlando, Florida 32802  
407/841-2330  
Agent for Applicant

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER EL43646346545

DATE OF DEPOSIT

9/3/99

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20031

Eric Link

(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)